


10/20/00

ISSUE CLASSIFICATION	
Class	Subclass



KW O.I.P.E.
SCANNED 32 Q.A. AA

O.G. PUBLICATION DATE

REISSUE PATENT DA

APPLICATION NO. 09/694416	CONT/PRIOR D SUBC	CLASS 380	SUBCLASS 30	ART UNIT 2131	EXAMINER
-----------------------------------	----------------------	--------------	----------------	------------------	----------

APPLICANTS

Thomas Collins
Dale Hopkins
Susan Langford
Michael Sabin

APPLICANT(S):

Public key cryptographic apparatus and method

PTO-2040
12/99[illegible]

<input type="checkbox"/> TERMINAL DISCLAIMER <input type="checkbox"/> The term of this patent subsequently _____ (date) has been disclaimed. <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____ <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	DRAWINGS Spec. Draw. Fig. Drawg. Print Fig.			CLAIMS ALLOWED Total Claims Print Claim for O.G.	
	_____ (Assistant Examiner) _____ (Date)			NOTICE OF ALLOWANCE MAILED	
FINAL SPRE REVIEW _____ (INITIALS)	_____ (Primary Examiner) _____ (Date)			ISSUE FEE Amount Due Date Paid	
	_____ (Legal Instruments Examiner) _____ (Date)			ISSUE BATCH NUMBER	
WARNING:					

NOTICE OF MERGED REEXAM -- REISSUE

is prohibited by the United States Code Title 35, Sections 122, 181 and 368. Employees and contractors only.

NOTICE OF MERGED REEXAM - REISSUE

Control No. 90/005733

Control No. 90/005776

Reissue Paper No. 13

Not to be distributed outside the Department of Defense.
Not to be released to the public.
Not to be prohibited by the United States Code Title 35, Sections 122, 181 and 368.
Employees and contractors only.

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	RR	70029	11/14/00
O.I.P.E. CLASSIFIER			
FORMALITY REVIEW			
RESPONSE FORMALITY REVIEW			

INDEX OF CLAIMS

✓ Rejected N Non-elected
 = Allowed I Interference
 - (Through numeral)... Canceled A Appeal
 + Restricted O Objected

Claim	Date			
Final	Original			
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			
	38			
	39			
	40			
	41			
	42			
	43			
	44			
	45			
	46			
	47			
	48			
	49			
	50			

Claim	Date			
Final	Original			
	51			
	52			
	53			
	54			
	55			
	56			
	57			
	58			
	59			
	60			
	61			
	62			
	63			
	64			
	65			
	66			
	67			
	68			
	69			
	70			
	71			
	72			
	73			
	74			
	75			
	76			
	77			
	78			
	79			
	80			
	81			
	82			
	83			
	84			
	85			
	86			
	87			
	88			
	89			
	90			
	91			
	92			
	93			
	94			
	95			
	96			
	97			
	98			
	99			
	100			

Claim	Date			
Final	Original			
	101			
	102			
	103			
	104			
	105			
	106			
	107			
	108			
	109			
	110			
	111			
	112			
	113			
	114			
	115			
	116			
	117			
	118			
	119			
	120			
	121			
	122			
	123			
	124			
	125			
	126			
	127			
	128			
	129			
	130			
	131			
	132			
	133			
	134			
	135			
	136			
	137			
	138			
	139			
	140			
	141			
	142			
	143			
	144			
	145			
	146			
	147			
	148			
	149			
	150			

If more than 150 claims or 10 actions
staple additional sheet here

(LEFT INSIDE)

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

09/694416

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	61 minus 20 =	41
INDEPENDENT CLAIMS	20 minus 3 =	12
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐

RATE	FEE
BASIC FEE	355.00
X\$ 9=	
X40=	
+135=	
TOTAL	

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	710.00
X\$18=	738
X80=	960
+270=	
TOTAL	2408

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**
	Independent	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

SMALL ENTITY ☐

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**
	Independent	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**
	Independent	Minus	***
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>		

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

UNITED STATES PATENT & TRADEMARK OFFICE
Washington, D.C. 20231

REQUEST FOR PATENT FEE REFUND			
1 Date of Request: <u>11/3/10</u>		2 Serial/Patent # <u>09/094416</u>	
3 Please refund the following fee(s):		4 PAPER NUMBER	5 DATE FILED
<input checked="" type="checkbox"/> Filing			\$ <u>126</u>
<input type="checkbox"/> Amendment			\$
<input type="checkbox"/> Extension of Time			\$
<input type="checkbox"/> Notice of Appeal/Appeal			\$
<input type="checkbox"/> Petition			\$
<input type="checkbox"/> Issue			\$
<input type="checkbox"/> Cert of Correction/Terminal Disc.			\$
<input type="checkbox"/> Maintenance			\$
<input type="checkbox"/> Assignment			\$
<input type="checkbox"/> Other			\$
		7 TOTAL AMOUNT OF REFUND \$ <u>126</u>	
10 REASON:		8 TO BE REFUNDED BY:	
<input checked="" type="checkbox"/> Overpayment		<input type="checkbox"/> Treasury Check	
<input type="checkbox"/> Duplicate Payment		<input checked="" type="checkbox"/> Credit Deposit A/C #:	
<input type="checkbox"/> No Fee Due (Explanation):		9 <u>02--3964</u>	
11 REFUND REQUESTED BY:			
TYPED/PRINTED NAME: <u>Roxanne Pauls</u>		TITLE: <u>L. LIE</u>	
SIGNATURE: <u>[Signature]</u>		PHONE: <u>308-9481</u>	
OFFICE: <u>CIPE</u>			
***** THIS SPACE RESERVED FOR FINANCE USE ONLY: *****			
APPROVED: <u>[Signature]</u>		DATE: <u>11/7/10</u>	

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:

PALM INTRANET

Day : Tuesday
Date: 10/31/2000
Time: 17:40:23

Assignment Patent Number Information for 5848159

Total Assignments : 2

Serial Number : 08/784453Patent Number : 5848159Filing Date : 01/16/1997Issue Date : 12/08/1998

Related Patent Numbers:

Title : PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHODApplicant(s) : COLLINS, THOMAS || HOPKINS, DALE || LANGFORD, SUSAN || SABIN, MICHAELReel/Frame(s) : 008542/0875 || 010929/0489#1. Reel/Frame # 008542/0875Reel : 008542 Frame : 0875 Mailroom Date : 05/07/1997New App Fil Rcpt Date :
00/00/0000Assignments Date : 06/16/1997 Date Mailed : 07/16/1997Date Recorded : 05/07/1997Number of Pages : 4

Assignor	Exc Date	Assignee :	Return Address :
<u>COLLINS, THOMAS</u>	<u>04/29/1997</u>	<u>TANDEM COMPUTERS INCORPORATED</u>	<u>TOWNSEND AND TOWNSEND AND CREW LLP</u>
<u>HOPKINS, DALE</u>	<u>04/29/1997</u>	<u>10435 NORTH TANTAU AVENUE</u>	<u>ROBERT J. BENNETT</u>
<u>LANGFORD, SUSAN</u>	<u>04/30/1997</u>	<u>CUPERTINO CALIFORNIA</u>	<u>TWO EMBARCADERO CENTER, 8TH FLOOR</u>
<u>SABIN, MICHAEL</u>	<u>04/30/1997</u>	<u>95014</u>	<u>SAN FRANCISCO, CA 94111-3834</u>

Brief :

ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

#2. Reel/Frame # 010929/0489Reel : 010929 Frame : 0489 Mailroom Date : 06/19/2000New App Fil Rcpt Date :
00/00/0000Assignments Date : 07/24/2000 Date Mailed : 09/11/2000Date Recorded : 06/19/2000Number of Pages : 0

Assignor	Exc Date	Assignee :	Return Address :
<u>TANDEM COMPUTERS INCORPORATED</u>	<u>06/05/2000</u>	<u>COMPAQ COMPUTER CORPORATION</u>	<u>FROHWITTER</u>
		<u>20555 S.H. 249</u>	<u>RONALD L. CHICHESTER</u>
		<u>HOUSTON TEXAS</u>	<u>THREE RIVERWAY,</u>
		<u>77070-2698</u>	<u>SUITE 500</u>



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

SERIAL NUMBER 09/694,416	FILING DATE 10/20/2000 RULE —	CLASS 380	GROUP ART UNIT 2131	ATTORNEY DOCKET NO. 20206-014(PT-TA-410)
APPLICANTS Thomas Collins, Saratoga, CA ; Dale Hopkins, Gilroy, CA ; Susan Langford, Sunnyvale, CA ; Michael Sabin, Sunnyvale, CA ;				
** CONTINUING DATA ***** THIS APPLICATION IS A REI OF 08/784,453 01/16/1997 PAT 5,848,159 WHICH CLAIMS BENEFIT OF 60/033,271 12/09/1996				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 11/14/2000				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance		STATE OR COUNTRY CA	SHEETS DRAWING 2	TOTAL CLAIMS 61
Verified and Acknowledged Examiner's Signature: _____ Initials: _____		INDEPENDENT CLAIMS 20		
ADDRESS 25696				
TITLE Public key cryptographic apparatus and method				
FILING FEE RECEIVED 2408	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000

SEARCHED			
Class	Sub.	Date	Exmr.

INTERFERENCE SEARCHED			
Class	Sub.	Date	Exmr.

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	Date	Exmr.

PATENT APPLICATION



09694416



09694416



09694416

10/20/00

INITIALS

When Entering a Paper See
Scanned Notice Inside File

Date Received
(Incl. C. of M.)
or
Date Mailed

Date Received
(Incl. C. of M.)
or
Date Mailed

- | | |
|-----------------------------------------------|-----------|
| 1. Application _____ papers. | 42. _____ |
| 2. _____ | 43. _____ |
| 3. _____ | 44. _____ |
| 4. _____ | 45. _____ |
| 5. _____ | 46. _____ |
| 6. _____ | 47. _____ |
| 7. _____ | 48. _____ |
| 8. _____ | 49. _____ |
| 9. _____ | 50. _____ |
| 10. _____ | 51. _____ |
| 11. _____ | 52. _____ |
| 12. <u>Decision To Suspend</u> 3/14/01 | 53. _____ |
| <u>Merge Reex. Prog. & Reissue</u> | 54. _____ |
| 13. <u>Not. of Merged Reex/Rei</u> 3/14/01 | 55. _____ |
| <u>Prch</u> | 56. _____ |
| 14. _____ | 57. _____ |
| 15. <u>Suppl. 115</u> 4-11-01 | 58. _____ |
| 16. <u>Attorney Ticket No.</u> 4-11-01 | 59. _____ |
| 17. <u>Attorney</u> 4-11-01 | 60. _____ |
| 18. <u>Suppl. 115</u> 6-26-01 | 61. _____ |
| 19. <u>Non-Final Rej.</u> 6-21-02 | 62. _____ |
| 20. <u>Letter to Drafts</u> 9-16-02 | 63. _____ |
| 21. <u>Amend. B</u> 9-16-02 | 64. _____ |
| 22. <u>Information Dis. Statement</u> 9-16-02 | 65. _____ |
| 23. <u>Final Rej 3 mo.</u> 4-11-03 | 66. _____ |
| 24. <u>Reg. w/d atty</u> 5/16/03 | 67. _____ |
| 25. <u>w/d atty - Granted</u> 6/6/03 | 68. _____ |
| 26. <u>Notice of Appeal</u> 10-14-03 | 69. _____ |
| 27. <u>Amend. C (ile)</u> 10-14-03 | 70. _____ |
| 28. <u>Letter (Re-subm. H)</u> 10-21-03 | 71. _____ |
| 29. <u>Amend. D</u> 10-21-03 | 72. _____ |
| 30. <u>Issue P/A</u> 6-5-03 | 73. _____ |
| 31. <u>Advisory Action</u> 12-1-03 | 74. _____ |
| 32. <u>Req for RCE</u> 3-9-04 | 75. _____ |
| 33. _____ | 76. _____ |
| 34. _____ | 77. _____ |
| 35. _____ | 78. _____ |
| 36. _____ | 79. _____ |
| 37. _____ | 80. _____ |
| 38. _____ | 81. _____ |
| 39. _____ | 82. _____ |
| 40. _____ | |
| 41. _____ | |